

Chapter 8. State Indicators

8-22 Science, Engineering, and Technology Doctoral Degrees as a Percentage of Science, Engineering, and Technology Degrees Conferred

Description

This indicator represents the extent to which a state's higher education programs in science, engineering, and technology (SET) are focused on producing individuals with the highest level of technical expertise. The academic and technical leaders of the future are often drawn from individuals receiving SET doctoral degrees. SET fields include the physical, life, earth, ocean, atmospheric, computer, and social sciences; mathematics; engineering; psychology; science technologies; and engineering technologies. Total SET degrees conferred include bachelor's, master's, and doctoral degrees but exclude associate's degrees.

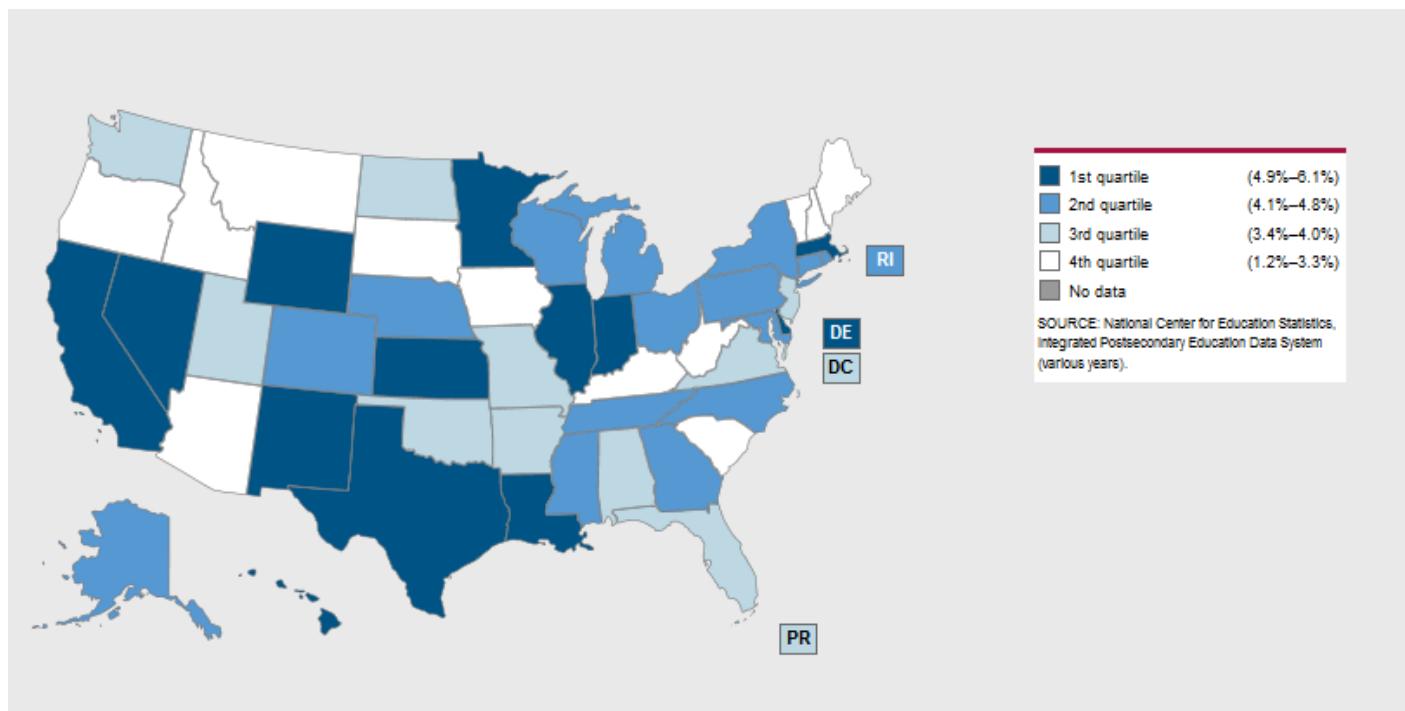
The indicator value is computed by dividing the number of doctoral degrees awarded in SET fields by the total number of SET degrees awarded by the higher education institutions within the state. The numbers of degrees are counts provided by the National Center for Education Statistics.

Findings

- The number of SET doctoral degrees awarded nationwide rose from approximately 25,000 in 2003 to almost 37,000 in 2013, an increase of 45%.
- Nationally, the percentage of SET degrees awarded that were doctoral degrees increased from 4.3% in 2003 to 4.4% in 2013.
- In 2013, values for individual states ranged from a low of 1.2% to a high of 6.1% of SET graduates completing training at the doctorate level.
- In states with a small number of SET graduate programs, the number of SET doctoral degrees awarded varies considerably from year to year. Readers should use caution when making annual comparisons for those states with small numbers of SET doctorates.

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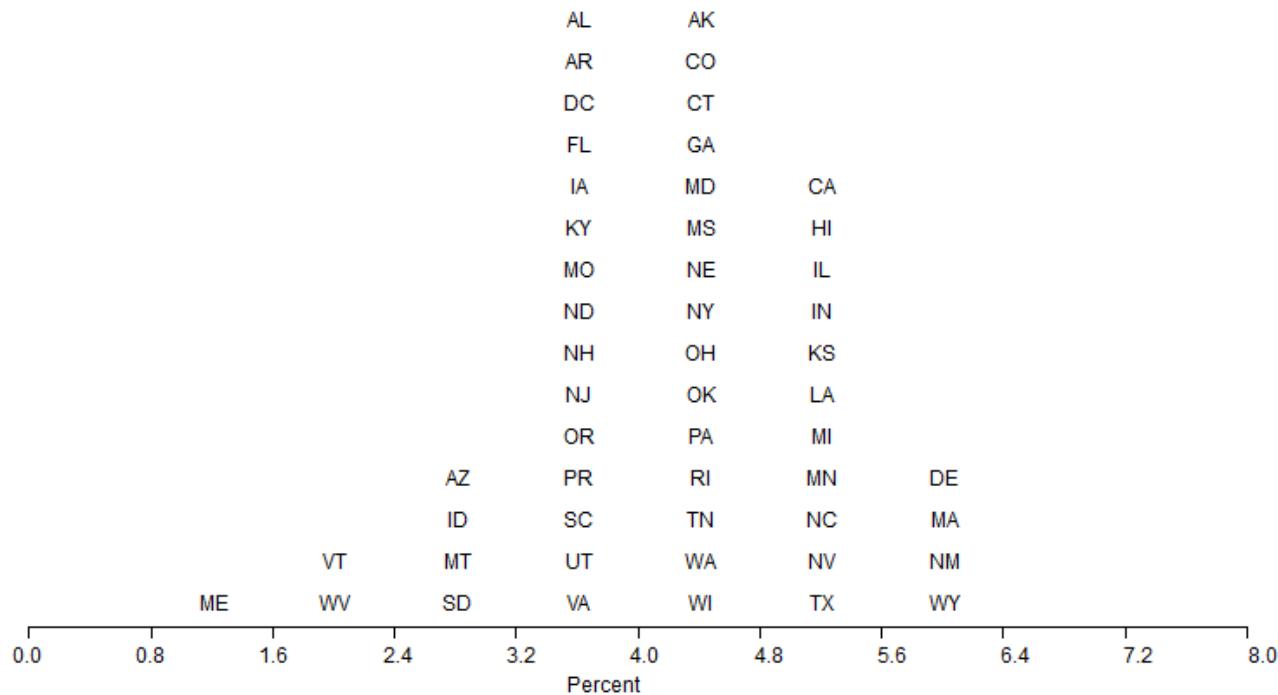
Year: 2013



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Distribution of states across indicator values



Histograms do not display states with extreme values. Please consult the data tables for exact indicator values for each state.

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Table 8-22 Science, Engineering, and Technology Doctoral Degrees as a Percentage of Science, Engineering, and Technology Degrees Conferred

State	SET doctoral/all SET degrees (Percent)												
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
United States	5.0	5.0	5.0	5.1	5.1	5.1	4.8	4.8	4.7	4.4	4.3	4.3	4.5
Alabama	3.1	3.2	2.9	3.9	3.8	4.4	3.8	3.6	3.5	3.8	4.1	3.4	3.9
Alaska	1.6	3.8	2.6	3.4	2.2	7.5	3.2	2.2	3.5	2.6	5.0	2.0	2.9
Arizona	6.1	6.8	5.9	5.9	6.3	5.8	5.6	5.9	5.4	4.8	4.4	4.4	4.0
Arkansas	2.5	3.1	2.5	2.3	2.3	2.5	1.9	2.3	2.1	2.1	2.2	2.7	3.3
California	5.9	5.8	6.3	5.6	5.9	6.1	5.8	5.6	5.7	5.2	5.4	5.2	5.1
Colorado	5.2	4.9	4.8	5.2	5.2	4.6	5.1	4.4	4.3	3.8	4.2	3.6	5.1
Connecticut	5.3	5.7	5.7	5.4	5.6	6.0	5.2	5.8	5.2	5.1	5.1	5.0	5.2
Delaware	6.4	4.8	4.7	6.4	6.0	5.5	5.8	5.7	5.7	4.4	4.1	6.5	5.3
District of Columbia	5.4	4.9	4.4	4.5	4.8	4.5	4.5	5.6	4.4	4.6	4.7	4.2	4.8
Florida	4.2	4.2	3.9	4.2	4.1	4.6	4.7	4.4	4.0	4.1	4.0	4.1	4.2
Georgia	4.2	4.0	4.6	4.9	4.5	4.7	4.6	4.3	4.5	4.5	4.0	3.7	4.5
Hawaii	7.2	6.8	6.3	6.5	6.2	6.2	5.7	4.8	4.7	3.4	4.4	3.6	4.2
Idaho	3.2	4.0	3.6	3.2	3.5	3.2	2.5	3.0	2.8	2.7	3.1	2.1	2.0
Illinois	6.5	6.4	6.8	6.8	6.8	7.3	6.3	6.4	7.1	5.6	5.5	5.2	5.4
Indiana	4.9	5.0	4.9	5.2	5.0	4.9	5.2	5.2	5.1	4.4	4.7	4.3	4.6
Iowa	6.3	6.0	6.3	6.3	5.5	5.8	5.1	4.8	5.1	4.7	3.8	4.2	4.3
Kansas	3.8	4.1	4.0	4.5	4.4	4.8	4.1	3.9	4.0	4.4	4.0	3.6	3.6
Kentucky	3.0	3.4	3.3	3.2	3.6	3.3	2.9	3.4	3.2	2.9	3.3	3.3	3.7
Louisiana	3.7	3.7	4.1	3.8	4.4	4.3	4.2	4.7	4.4	4.1	3.4	3.9	3.9
Maine	1.2	1.6	1.2	1.6	1.9	1.6	1.2	1.6	1.3	1.3	1.2	1.1	0.9
Maryland	5.2	5.1	4.8	5.1	5.2	5.0	4.8	4.6	4.7	4.3	4.0	4.0	4.3
Massachusetts	6.9	6.6	6.6	6.7	6.6	7.4	6.3	6.2	6.2	6.0	5.5	5.7	6.1

State	SET doctoral/all SET degrees (Percent)												
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Michigan	5.1	4.7	4.9	5.2	4.9	5.1	4.8	4.9	4.4	4.5	4.3	4.2	4.6
Minnesota	4.4	4.9	4.8	5.5	4.9	5.0	4.5	4.5	4.7	4.4	4.5	4.4	5.0
Mississippi	3.3	3.3	4.1	3.8	3.8	4.0	3.9	4.0	3.1	3.0	3.6	3.6	3.7
Missouri	4.1	4.5	4.0	4.2	3.9	4.1	3.3	3.6	3.5	3.3	3.6	3.3	3.7
Montana	2.7	2.1	2.5	2.5	2.6	3.2	2.6	1.9	1.8	2.6	2.2	2.4	2.8
Nebraska	4.2	4.1	3.9	4.5	4.6	4.8	4.8	4.1	3.9	3.7	4.8	3.7	3.9
Nevada	2.5	3.1	4.8	3.9	4.8	5.0	4.1	5.7	3.9	4.6	4.9	4.1	5.0
New Hampshire	3.3	3.3	2.9	2.8	3.1	3.0	3.1	2.2	2.6	2.8	3.2	2.7	3.4
New Jersey	5.1	5.3	5.5	5.3	5.3	4.6	4.7	4.6	4.7	3.9	3.9	4.3	4.0
New Mexico	5.8	5.4	5.9	6.4	5.7	6.8	5.9	5.0	5.1	6.5	4.9	5.7	5.3
New York	5.7	5.8	5.6	5.6	5.4	5.4	5.2	5.1	4.7	4.3	4.2	4.5	4.6
North Carolina	4.7	4.2	4.6	4.4	4.4	4.4	4.8	4.3	4.4	4.1	4.2	4.4	4.6
North Dakota	3.6	3.3	3.5	3.5	3.4	3.1	2.8	2.6	3.0	3.0	3.9	2.5	2.7
Ohio	5.2	5.6	5.6	5.3	5.9	5.5	4.7	5.2	5.5	4.9	4.7	4.6	4.9
Oklahoma	3.6	3.3	3.4	3.5	3.5	3.4	3.1	3.3	3.2	2.7	2.8	3.0	3.1
Oregon	4.5	4.9	4.7	4.5	4.7	4.1	4.3	3.7	4.4	3.3	3.8	3.6	3.4
Pennsylvania	4.7	4.6	4.9	4.6	4.8	4.7	4.3	4.2	4.2	4.1	4.1	4.3	4.4
Rhode Island	6.1	5.9	6.4	7.0	5.5	5.8	5.3	4.9	5.6	4.6	4.1	4.0	4.4
South Carolina	3.7	3.5	3.1	3.9	3.4	3.3	3.9	3.3	3.3	3.6	2.9	3.1	3.4
South Dakota	1.0	1.4	0.7	1.5	1.8	1.1	1.2	1.3	1.7	1.5	1.7	1.8	1.8
Tennessee	4.2	4.2	3.9	4.0	4.4	3.8	3.9	4.2	4.3	3.6	3.6	3.8	3.9
Texas	5.2	5.5	5.3	5.7	5.6	5.5	5.5	5.2	5.1	4.7	4.4	4.7	4.8
Utah	4.2	3.4	3.6	4.0	3.8	3.5	3.4	3.7	3.1	2.9	2.8	2.9	3.1
Vermont	2.2	2.2	2.1	2.2	1.7	2.1	1.5	1.8	2.4	2.3	1.3	1.5	1.5
Virginia	4.1	4.2	4.4	4.1	4.5	4.0	4.2	4.2	3.9	3.8	3.6	3.7	4.0
Washington	4.4	4.6	4.4	4.2	4.2	3.9	3.9	3.7	4.2	3.9	3.6	3.9	3.9
West Virginia	1.4	1.8	2.3	1.6	1.9	2.9	2.0	2.8	2.0	2.4	3.2	3.4	3.2
Wisconsin	4.7	5.6	5.1	4.9	5.8	5.4	5.2	4.9	4.5	4.4	4.2	4.0	4.1



State	SET doctoral/all SET degrees (Percent)													
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
Wyoming	4.6	4.9	5.4	5.8	6.4	6.1	5.5	5.5	4.0	3.9	5.1	3.6	4.4	
Puerto Rico	1.5	1.6	1.4	1.7	2.0	2.2	3.3	2.4	3.1	3.0	2.8	3.2	3.8	

State	SET doctoral degrees												
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
United States	24,684	25,328	25,886	26,232	26,383	26,702	25,187	25,312	25,306	24,121	25,282	26,420	28,375
Alabama	210	226	199	281	283	308	264	281	268	282	293	259	322
Alaska	8	23	16	23	15	56	19	13	22	15	31	14	20
Arizona	391	443	426	429	457	454	424	431	392	392	417	491	466
Arkansas	61	79	66	65	68	74	57	67	61	68	74	91	111
California	3,446	3,436	3,707	3,340	3,352	3,601	3,533	3,553	3,664	3,518	3,768	3,840	3,939
Colorado	552	544	558	584	603	550	600	527	511	482	555	492	708
Connecticut	384	412	417	387	396	433	360	413	370	368	402	407	433
Delaware	118	86	89	122	117	101	113	112	108	89	84	134	116
District of Columbia	322	291	279	299	318	297	281	355	306	328	345	323	364
Florida	641	687	670	739	739	825	850	822	771	835	878	1,006	1,074
Georgia	417	407	485	554	500	572	550	525	557	591	583	606	691
Hawaii	124	117	120	128	129	127	117	108	102	69	90	84	98
Idaho	45	63	60	55	58	54	42	56	50	49	69	42	49
Illinois	1,426	1,421	1,530	1,541	1,566	1,669	1,446	1,539	1,738	1,372	1,468	1,416	1,555
Indiana	630	640	626	675	639	623	619	648	621	557	629	598	661
Iowa	399	390	414	420	363	379	339	321	333	323	276	307	322
Kansas	196	227	227	252	246	256	226	223	236	249	244	228	230
Kentucky	144	175	175	170	194	182	163	188	174	164	191	204	241
Louisiana	224	240	282	271	307	311	302	345	317	307	263	304	312
Maine	29	38	28	36	42	37	28	39	30	30	33	27	24
Maryland	562	542	533	586	620	596	591	567	604	571	578	602	688
Massachusetts	1,486	1,450	1,439	1,533	1,490	1,657	1,427	1,433	1,436	1,409	1,345	1,441	1,563
Michigan	978	913	949	1,021	951	1,005	900	941	868	915	943	962	1,019
Minnesota	398	467	455	517	466	480	426	415	449	438	474	490	609
Mississippi	118	121	157	139	139	144	143	144	115	114	130	140	140
Missouri	390	438	427	454	430	466	372	415	412	409	476	442	491
Montana	46	37	46	49	57	70	56	41	39	57	52	57	65

State	SET doctoral degrees													
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
Nebraska	121	125	119	145	148	160	146	142	131	117	164	134	154	
Nevada	24	31	54	46	58	69	56	78	50	61	75	73	92	
New Hampshire	99	99	88	84	95	96	100	73	78	82	101	92	118	
New Jersey	624	664	681	680	691	605	635	650	652	570	607	690	641	
New Mexico	152	149	166	188	161	186	158	136	134	165	136	167	159	
New York	2,517	2,571	2,495	2,516	2,452	2,372	2,276	2,247	2,159	1,981	2,103	2,333	2,443	
North Carolina	612	602	655	655	678	660	716	652	665	636	681	763	790	
North Dakota	50	48	51	53	53	49	45	41	43	45	64	39	42	
Ohio	1,049	1,130	1,146	1,079	1,198	1,114	904	995	1,061	959	962	973	1,058	
Oklahoma	195	195	195	186	210	202	217	205	200	168	172	200	208	
Oregon	275	311	294	290	299	271	289	254	298	228	274	286	272	
Pennsylvania	1,230	1,209	1,319	1,231	1,279	1,268	1,167	1,135	1,143	1,150	1,249	1,341	1,432	
Rhode Island	194	187	210	234	166	174	165	153	168	146	147	152	167	
South Carolina	205	206	185	233	206	196	234	198	205	224	191	200	234	
South Dakota	18	26	14	30	36	22	24	26	31	27	32	38	38	
Tennessee	315	320	316	328	372	325	328	356	351	298	320	347	354	
Texas	1,379	1,501	1,478	1,594	1,578	1,592	1,547	1,495	1,500	1,402	1,426	1,595	1,727	
Utah	233	208	220	261	253	240	234	238	197	203	211	230	251	
Vermont	47	50	44	48	35	48	34	40	52	49	27	35	38	
Virginia	622	638	686	639	697	601	630	660	628	606	605	634	717	
Washington	389	431	422	416	426	397	378	365	422	417	409	468	490	
West Virginia	34	50	65	50	55	83	56	80	56	68	95	100	97	
Wisconsin	517	618	553	524	631	590	552	521	495	486	498	494	509	
Wyoming	38	46	50	52	61	55	48	50	33	32	42	29	33	
Puerto Rico	60	60	59	76	94	102	156	129	168	160	161	177	201	

State	SET doctoral degrees												
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
SET = science, engineering, and technology.												SOURCE: National Center for Education Statistics, Integrated Postsecondary Education Data System (various years).	
NOTES: All SET degrees include bachelor's, master's, and doctoral degrees. SET degrees include engineering, physical sciences, computer and mathematical sciences, agricultural and biological sciences, social sciences, science technologies, and engineering technologies.												<i>Science and Engineering Indicators 2016</i>	

State	All SET degrees												
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
United States	492,006	504,637	512,607	519,340	519,916	523,246	521,916	531,857	537,017	551,775	587,949	615,976	631,572
Alabama	6,805	6,956	6,859	7,195	7,420	7,076	6,963	7,704	7,671	7,353	7,176	7,606	8,190
Alaska	495	605	622	676	682	748	595	603	628	573	626	698	699
Arizona	6,424	6,538	7,264	7,229	7,310	7,829	7,565	7,322	7,231	8,192	9,489	11,195	11,614
Arkansas	2,423	2,552	2,652	2,853	2,999	2,914	2,941	2,901	2,922	3,206	3,335	3,336	3,399
California	58,491	59,030	59,048	59,783	56,602	59,132	60,562	63,160	64,369	67,488	70,423	74,358	77,368
Colorado	10,695	11,216	11,561	11,283	11,644	11,859	11,733	11,999	11,864	12,546	13,103	13,765	13,907
Connecticut	7,217	7,292	7,326	7,134	7,126	7,188	6,987	7,068	7,098	7,163	7,922	8,177	8,316
Delaware	1,832	1,795	1,881	1,917	1,947	1,830	1,932	1,963	1,886	2,030	2,067	2,072	2,177
District of Columbia	5,967	5,953	6,312	6,718	6,596	6,592	6,185	6,391	6,899	7,110	7,308	7,615	7,588
Florida	15,340	16,417	16,965	17,783	17,863	17,980	18,157	18,759	19,359	20,505	22,037	24,734	25,315
Georgia	9,832	10,289	10,600	11,305	11,180	12,192	12,045	12,207	12,502	13,195	14,493	16,433	15,201
Hawaii	1,712	1,719	1,890	1,961	2,079	2,064	2,063	2,238	2,156	2,050	2,064	2,335	2,349
Idaho	1,405	1,584	1,678	1,745	1,680	1,669	1,695	1,854	1,766	1,812	2,200	2,025	2,398
Illinois	21,987	22,327	22,564	22,629	23,000	22,963	23,018	23,949	24,539	24,446	26,662	27,195	28,786
Indiana	12,911	12,750	12,712	13,043	12,688	12,656	11,990	12,510	12,254	12,757	13,402	13,897	14,374
Iowa	6,302	6,541	6,527	6,631	6,645	6,492	6,622	6,753	6,534	6,801	7,211	7,342	7,535
Kansas	5,203	5,539	5,663	5,655	5,587	5,342	5,565	5,692	5,882	5,657	6,144	6,382	6,435
Kentucky	4,850	5,197	5,366	5,383	5,459	5,483	5,651	5,487	5,424	5,750	5,733	6,184	6,522
Louisiana	6,034	6,430	6,895	7,064	7,014	7,218	7,188	7,297	7,226	7,414	7,704	7,717	8,057
Maine	2,394	2,336	2,281	2,269	2,265	2,289	2,352	2,372	2,295	2,382	2,668	2,553	2,715
Maryland	10,778	10,723	11,107	11,561	11,958	11,890	12,186	12,325	12,813	13,310	14,277	15,232	15,876
Massachusetts	21,634	21,822	21,870	22,938	22,410	22,505	22,585	23,041	23,325	23,669	24,666	25,373	25,787
Michigan	19,048	19,424	19,364	19,712	19,482	19,608	18,911	19,336	19,587	20,148	22,160	22,841	22,308
Minnesota	8,977	9,459	9,505	9,455	9,421	9,559	9,563	9,182	9,458	10,023	10,442	11,184	12,169
Mississippi	3,591	3,629	3,810	3,654	3,617	3,602	3,673	3,613	3,686	3,839	3,638	3,924	3,828
Missouri	9,563	9,758	10,726	10,764	11,018	11,390	11,125	11,465	11,789	12,446	13,047	13,340	13,431
Montana	1,678	1,760	1,820	1,971	2,209	2,177	2,193	2,197	2,162	2,218	2,410	2,393	2,342

State	All SET degrees												
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Nebraska	2,874	3,049	3,019	3,221	3,203	3,328	3,024	3,428	3,376	3,193	3,430	3,592	3,986
Nevada	943	1,010	1,134	1,178	1,218	1,372	1,354	1,365	1,277	1,336	1,522	1,774	1,848
New Hampshire	2,967	2,997	3,026	2,987	3,031	3,178	3,219	3,293	3,019	2,947	3,161	3,420	3,423
New Jersey	12,222	12,542	12,402	12,750	12,974	13,192	13,597	14,093	13,985	14,482	15,443	16,092	15,875
New Mexico	2,614	2,784	2,830	2,958	2,825	2,744	2,686	2,721	2,619	2,544	2,798	2,915	3,000
New York	44,353	44,421	44,838	44,649	45,485	43,902	43,401	44,009	45,966	45,904	50,654	51,305	52,547
North Carolina	13,077	14,177	14,254	14,764	15,306	14,997	15,014	15,128	15,026	15,627	16,147	17,320	17,358
North Dakota	1,379	1,433	1,468	1,501	1,580	1,568	1,590	1,555	1,425	1,513	1,634	1,569	1,560
Ohio	20,096	20,207	20,325	20,327	20,478	20,238	19,440	19,158	19,271	19,505	20,477	21,174	21,562
Oklahoma	5,449	5,829	5,729	5,387	5,986	6,015	6,936	6,223	6,162	6,143	6,044	6,777	6,630
Oregon	6,052	6,314	6,284	6,417	6,382	6,552	6,650	6,821	6,702	6,841	7,209	7,940	7,949
Pennsylvania	26,113	26,391	26,997	26,599	26,868	27,026	26,988	27,339	27,144	28,091	30,304	31,416	32,186
Rhode Island	3,175	3,149	3,286	3,353	3,036	3,024	3,111	3,115	2,985	3,193	3,549	3,772	3,780
South Carolina	5,558	5,924	5,881	5,949	6,077	5,920	6,073	6,044	6,159	6,213	6,545	6,466	6,842
South Dakota	1,724	1,833	1,969	2,017	2,047	2,011	1,933	1,934	1,878	1,856	1,932	2,082	2,089
Tennessee	7,479	7,659	8,093	8,127	8,412	8,475	8,484	8,384	8,142	8,387	8,878	9,031	9,054
Texas	26,434	27,495	28,131	28,140	27,966	28,813	28,195	28,900	29,261	29,619	32,641	34,277	35,787
Utah	5,591	6,145	6,153	6,574	6,614	6,768	6,874	6,477	6,331	6,938	7,426	7,875	8,103
Vermont	2,171	2,244	2,139	2,156	2,066	2,244	2,312	2,257	2,183	2,166	2,099	2,284	2,574
Virginia	15,071	15,341	15,636	15,581	15,544	14,943	14,988	15,846	15,970	15,870	16,589	16,981	17,815
Washington	8,823	9,302	9,557	9,798	10,261	10,098	9,665	9,850	10,128	10,612	11,434	11,868	12,642
West Virginia	2,432	2,828	2,876	3,044	2,842	2,837	2,788	2,895	2,814	2,859	2,994	2,920	3,053
Wisconsin	10,999	10,980	10,781	10,652	10,857	10,849	10,677	10,724	11,038	11,028	11,813	12,407	12,466
Wyoming	822	942	931	900	957	905	872	910	831	825	819	813	757
Puerto Rico	3,929	3,842	4,188	4,370	4,612	4,685	4,674	5,305	5,390	5,356	5,847	5,491	5,352

State	All SET degrees												
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
SET = science, engineering, and technology.												SOURCE: National Center for Education Statistics, Integrated Postsecondary Education Data System (various years).	
NOTES: All SET degrees include bachelor's, master's, and doctoral degrees. SET degrees include engineering, physical sciences, computer and mathematical sciences, agricultural and biological sciences, social sciences, science technologies, and engineering technologies.												<i>Science and Engineering Indicators 2016</i>	

State	SET doctoral/all SET degrees (Percent)							
	2006	2007	2008	2009	2010	2011	2012	2013
United States	4.7	5.0	5.0	4.8	4.6	4.5	4.4	4.4
Alabama	3.7	3.8	4.1	4.2	3.8	3.5	3.9	3.4
Alaska	2.4	2.8	2.7	3.5	4.2	3.1	4.8	4.1
Arizona	4.3	4.4	4.0	3.8	3.2	3.2	2.8	2.7
Arkansas	3.2	2.7	3.5	3.6	3.3	3.0	2.8	3.5
California	5.5	5.8	5.8	5.6	5.3	5.2	5.1	5.2
Colorado	3.7	4.2	3.9	4.5	4.2	4.2	4.0	4.2
Connecticut	5.3	5.8	5.2	4.4	4.8	4.6	4.6	4.7
Delaware	6.0	6.2	5.7	6.7	6.5	6.7	6.5	5.8
District of Columbia	4.3	4.5	4.2	4.5	3.2	3.9	4.0	3.6
Florida	4.5	5.0	4.8	4.4	4.4	4.3	4.0	3.9
Georgia	5.1	5.7	5.7	5.9	5.2	5.0	4.8	4.5
Hawaii	3.6	3.9	5.2	4.7	5.0	5.3	4.4	5.0
Idaho	2.7	3.0	3.0	2.6	2.1	2.3	2.0	2.5
Illinois	5.9	6.0	5.9	5.1	4.9	4.8	4.9	5.1
Indiana	5.0	5.4	5.3	6.0	5.4	5.1	4.8	5.2
Iowa	5.0	5.2	5.1	4.7	3.6	3.3	3.3	3.3
Kansas	4.0	3.9	3.8	4.1	4.1	4.7	4.2	4.9
Kentucky	3.8	4.0	4.1	3.7	3.8	3.6	4.0	3.3
Louisiana	3.9	4.4	4.4	4.4	5.1	3.9	5.0	5.3
Maine	1.0	1.3	1.4	1.4	1.1	1.3	1.3	1.2
Maryland	4.9	4.9	5.1	4.7	4.7	4.5	4.3	4.5
Massachusetts	6.5	7.1	7.0	6.9	6.3	6.5	6.2	6.1
Michigan	4.8	5.3	4.7	5.1	4.8	4.6	4.9	4.8
Minnesota	5.6	6.0	5.5	4.6	4.8	5.3	4.9	5.5
Mississippi	3.7	4.0	3.9	3.9	4.6	4.5	3.7	4.2
Missouri	3.9	3.8	3.9	3.6	3.5	3.3	3.4	3.4
Montana	2.9	3.2	3.5	3.5	3.2	3.3	2.9	2.9
Nebraska	3.4	4.1	3.8	4.2	4.3	4.3	3.8	4.7

State	SET doctoral/all SET degrees (Percent)							
	2006	2007	2008	2009	2010	2011	2012	2013
Nevada	4.1	3.8	4.0	5.8	5.0	5.0	4.2	5.1
New Hampshire	2.9	3.4	3.4	3.3	3.2	3.0	2.9	3.3
New Jersey	4.5	4.7	4.7	4.8	4.4	4.7	4.2	3.7
New Mexico	6.0	5.3	4.9	5.9	5.6	5.0	5.5	6.0
New York	4.8	4.8	5.0	4.7	4.5	4.5	4.3	4.3
North Carolina	4.7	4.9	4.9	5.2	4.9	4.5	4.8	4.8
North Dakota	2.9	4.3	4.5	4.2	4.0	3.9	4.9	3.9
Ohio	5.4	5.1	5.9	5.3	5.2	4.8	4.3	4.5
Oklahoma	3.0	3.8	3.2	3.7	4.1	3.5	3.6	4.0
Oregon	3.9	4.1	4.1	4.1	3.5	3.6	3.5	3.2
Pennsylvania	4.7	4.7	4.6	4.6	4.3	4.5	4.2	4.1
Rhode Island	5.5	5.1	4.8	4.8	5.1	4.8	5.2	4.6
South Carolina	3.3	3.9	4.0	4.0	3.5	3.5	3.9	3.3
South Dakota	1.8	2.2	1.7	2.3	2.3	2.4	2.7	2.6
Tennessee	4.4	4.7	4.8	5.0	4.4	4.6	4.5	4.5
Texas	5.1	5.6	5.7	5.4	5.4	5.1	5.4	5.2
Utah	2.8	3.3	3.5	3.7	3.3	3.7	3.4	3.5
Vermont	1.9	1.6	1.7	1.3	1.7	1.2	1.5	1.8
Virginia	4.0	4.0	4.1	4.1	3.9	4.1	3.8	3.7
Washington	4.1	4.3	4.2	4.0	3.8	4.0	3.7	4.0
West Virginia	3.2	2.8	3.1	2.4	2.6	2.3	2.0	1.8
Wisconsin	4.5	4.7	5.1	4.9	4.4	4.4	4.4	4.1
Wyoming	4.3	5.8	6.2	5.1	5.8	4.4	5.2	5.8
Puerto Rico	3.5	3.8	4.3	3.0	2.7	3.1	2.6	3.6

State	SET doctoral/all SET degrees (Percent)							
	2006	2007	2008	2009	2010	2011	2012	2013
SET = science, engineering, and technology.								
NOTES: All SET degrees include bachelor's, master's, and doctoral degrees. SET degrees include engineering, physical sciences, computer and mathematical sciences, agricultural and biological sciences, social sciences, science technologies, and engineering technologies.								SOURCE: National Center for Education Statistics, Integrated Postsecondary Education Data System (various years). <i>Science and Engineering Indicators 2016</i>

SET doctoral degrees

State	2006	2007	2008	2009	2010	2011	2012	2013
United States	30,286	32,392	33,161	33,144	32,522	34,058	35,267	36,726
Alabama	309	324	356	384	357	367	420	390
Alaska	18	21	21	29	38	29	43	39
Arizona	514	563	526	598	567	626	680	700
Arkansas	106	91	120	127	126	127	129	164
California	4,365	4,695	4,800	4,724	4,589	4,805	4,893	5,241
Colorado	546	612	589	659	611	647	682	744
Connecticut	453	506	479	435	470	457	491	509
Delaware	135	135	128	151	145	170	165	159
District of Columbia	363	359	352	385	263	321	354	335
Florida	1,174	1,363	1,366	1,316	1,369	1,445	1,444	1,475
Georgia	770	875	907	964	867	901	906	917
Hawaii	88	92	132	121	122	136	117	143
Idaho	72	80	78	73	63	68	67	92
Illinois	1,721	1,795	1,798	1,539	1,518	1,554	1,633	1,734
Indiana	713	789	769	861	828	865	862	958
Iowa	376	402	423	429	426	442	482	489
Kansas	247	243	240	260	259	302	293	334
Kentucky	254	279	281	256	263	264	323	277
Louisiana	289	349	333	330	377	309	413	449
Maine	27	36	43	42	36	44	47	40
Maryland	791	783	840	783	817	822	849	930
Massachusetts	1,690	1,868	1,895	1,883	1,793	1,909	1,953	1,994
Michigan	1,060	1,173	1,101	1,205	1,158	1,141	1,268	1,263
Minnesota	705	770	739	645	713	847	837	986
Mississippi	142	160	156	161	200	201	178	202
Missouri	512	513	521	495	495	496	536	540
Montana	66	75	80	83	70	80	67	74
Nebraska	136	162	159	182	191	195	187	236

State	SET doctoral degrees							
	2006	2007	2008	2009	2010	2011	2012	2013
Nevada	93	79	98	142	126	138	120	151
New Hampshire	100	117	119	121	125	121	119	142
New Jersey	708	740	757	808	775	835	808	719
New Mexico	181	158	143	184	168	165	192	214
New York	2,498	2,510	2,720	2,607	2,583	2,732	2,716	2,858
North Carolina	805	895	925	1,010	987	974	1,122	1,150
North Dakota	45	72	74	68	69	68	93	78
Ohio	1,170	1,133	1,292	1,184	1,187	1,176	1,135	1,153
Oklahoma	200	250	210	253	272	241	269	296
Oregon	320	342	335	336	296	324	342	329
Pennsylvania	1,551	1,567	1,594	1,633	1,571	1,724	1,675	1,731
Rhode Island	223	190	190	193	209	207	233	213
South Carolina	231	272	288	294	264	294	331	305
South Dakota	38	46	38	49	51	55	63	62
Tennessee	395	428	449	496	448	486	516	521
Texas	1,845	2,065	2,166	2,116	2,192	2,228	2,464	2,500
Utah	225	272	288	303	280	348	338	359
Vermont	49	45	50	43	58	40	55	70
Virginia	740	753	802	858	832	971	976	1,007
Washington	525	574	546	540	540	578	566	658
West Virginia	102	104	121	93	115	122	118	111
Wisconsin	563	620	671	650	593	618	643	625
Wyoming	37	47	53	43	50	43	54	60
Puerto Rico	198	211	235	173	160	181	175	248

State	SET doctoral degrees							
	2006	2007	2008	2009	2010	2011	2012	2013
SET = science, engineering, and technology.								
NOTES: All SET degrees include bachelor's, master's, and doctoral degrees. SET degrees include engineering, physical sciences, computer and mathematical sciences, agricultural and biological sciences, social sciences, science technologies, and engineering technologies.								SOURCE: National Center for Education Statistics, Integrated Postsecondary Education Data System (various years). <i>Science and Engineering Indicators 2016</i>

State	All SET degrees							
	2006	2007	2008	2009	2010	2011	2012	2013
United States	641,743	651,018	668,576	686,038	711,169	753,650	800,304	833,032
Alabama	8,432	8,468	8,767	9,232	9,495	10,626	10,735	11,362
Alaska	737	754	764	824	895	940	890	962
Arizona	11,922	12,705	13,303	15,620	17,697	19,699	24,587	26,044
Arkansas	3,346	3,348	3,421	3,496	3,815	4,264	4,608	4,722
California	79,822	80,420	83,056	84,175	86,716	91,559	96,046	100,282
Colorado	14,721	14,742	15,136	14,703	14,629	15,515	17,118	17,735
Connecticut	8,527	8,798	9,219	9,804	9,765	9,972	10,632	10,809
Delaware	2,242	2,179	2,238	2,260	2,218	2,534	2,557	2,764
District of Columbia	8,381	7,968	8,357	8,502	8,166	8,297	8,771	9,362
Florida	26,299	27,262	28,600	29,666	31,460	33,308	35,945	37,687
Georgia	15,046	15,391	15,850	16,240	16,782	18,127	19,061	20,401
Hawaii	2,428	2,385	2,544	2,576	2,434	2,551	2,638	2,870
Idaho	2,665	2,675	2,641	2,818	2,952	2,964	3,289	3,713
Illinois	29,412	29,695	30,385	30,177	30,684	32,116	33,318	33,872
Indiana	14,338	14,682	14,559	14,392	15,312	17,042	17,851	18,350
Iowa	7,562	7,724	8,351	9,208	11,779	13,430	14,699	14,600
Kansas	6,228	6,311	6,234	6,315	6,282	6,398	6,919	6,834
Kentucky	6,742	6,915	6,883	6,926	6,929	7,328	8,001	8,314
Louisiana	7,500	7,942	7,604	7,465	7,437	7,877	8,206	8,529
Maine	2,767	2,817	3,001	2,939	3,171	3,373	3,528	3,296
Maryland	16,093	16,100	16,379	16,775	17,314	18,283	19,656	20,830
Massachusetts	25,975	26,326	27,084	27,319	28,391	29,482	31,253	32,666
Michigan	22,023	22,271	23,221	23,707	24,250	24,584	25,765	26,355
Minnesota	12,647	12,750	13,540	14,094	14,936	16,021	17,011	18,001
Mississippi	3,841	4,017	4,044	4,131	4,347	4,497	4,839	4,843
Missouri	13,111	13,327	13,515	13,929	14,017	14,829	15,705	16,058
Montana	2,274	2,364	2,288	2,383	2,199	2,396	2,342	2,521
Nebraska	3,994	3,956	4,167	4,348	4,392	4,588	4,923	5,055

State	All SET degrees							
	2006	2007	2008	2009	2010	2011	2012	2013
Nevada	2,270	2,080	2,452	2,446	2,534	2,740	2,850	2,964
New Hampshire	3,461	3,449	3,541	3,618	3,925	4,053	4,101	4,304
New Jersey	15,844	15,832	16,239	16,839	17,705	17,727	19,134	19,328
New Mexico	3,038	3,008	2,937	3,095	3,006	3,283	3,467	3,594
New York	52,394	52,457	54,101	55,687	57,989	61,258	63,191	65,793
North Carolina	17,236	18,244	18,886	19,465	20,275	21,807	23,336	24,136
North Dakota	1,549	1,673	1,659	1,636	1,726	1,758	1,917	2,001
Ohio	21,793	22,095	21,918	22,324	22,945	24,307	26,124	25,542
Oklahoma	6,583	6,603	6,462	6,759	6,585	6,921	7,473	7,430
Oregon	8,167	8,249	8,143	8,103	8,464	8,904	9,818	10,422
Pennsylvania	33,149	33,304	34,434	35,436	36,533	38,176	39,431	41,719
Rhode Island	4,031	3,739	3,971	4,003	4,131	4,291	4,514	4,657
South Carolina	6,977	7,000	7,145	7,390	7,644	8,316	8,530	9,220
South Dakota	2,122	2,117	2,177	2,101	2,183	2,246	2,339	2,381
Tennessee	9,014	9,119	9,449	9,881	10,088	10,592	11,494	11,678
Texas	36,390	37,083	38,129	39,370	40,893	43,679	45,720	48,403
Utah	8,078	8,367	8,182	8,301	8,453	9,409	9,907	10,272
Vermont	2,629	2,817	2,983	3,210	3,360	3,409	3,594	3,988
Virginia	18,601	18,693	19,692	20,900	21,568	23,399	25,713	27,132
Washington	12,720	13,201	13,132	13,423	14,036	14,460	15,420	16,644
West Virginia	3,155	3,681	3,867	3,898	4,365	5,199	5,763	6,243
Wisconsin	12,610	13,103	13,068	13,290	13,438	14,135	14,538	15,302
Wyoming	857	812	858	839	859	981	1,037	1,042
Puerto Rico	5,586	5,495	5,464	5,833	5,920	5,924	6,760	6,939

State	All SET degrees							
	2006	2007	2008	2009	2010	2011	2012	2013
SET = science, engineering, and technology.								
NOTES: All SET degrees include bachelor's, master's, and doctoral degrees. SET degrees include engineering, physical sciences, computer and mathematical sciences, agricultural and biological sciences, social sciences, science technologies, and engineering technologies.								SOURCE: National Center for Education Statistics, Integrated Postsecondary Education Data System (various years). <i>Science and Engineering Indicators 2016</i>